

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122021AL\
 Data File : FC057614.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2021 10:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 01:10:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.799	2978640	21.405 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
12) S 1-chlorooctadecane (S...	12.239	2266786	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	2.670	2758661	22.328 ug/mlm
2) T n-Decane (C10)	3.674	2852308	22.900 ug/ml
3) T A~Naphthalene (C11.7)	5.228	3167457	22.831 ug/ml
4) T n-Dodecane (C12)	5.661	2852440	23.098 ug/ml
5) T A~2-methylnaphthalene...	6.275	3204578	22.915 ug/ml
6) T n-Tetradecane (C14)	7.450	2848854	23.007 ug/ml
7) T n-Hexadecane (C16)	9.048	2828681	22.560 ug/ml
8) T n-Octadecane (C18)	10.490	2829430	21.859 ug/ml
10) T n-Eicosane (C20)	11.797	2747520	21.149 ug/ml
11) T n-Heneicosane (C21)	12.408	2720832	20.731 ug/ml
13) T n-Docosane (C22)	12.994	2654644	20.197 ug/ml
14) T n-Tetracosane (C24)	14.096	2593627	19.501 ug/ml
15) T n-Hexacosane (C26)	15.116	2481638	18.925 ug/mlm
16) T n-Octacosane (C28)	16.066	2459831	18.705 ug/ml
17) T n-Tricontane (C30)	16.952	2441825	17.867 ug/ml
18) T n-Dotriacontane (C32)	17.786	2448318	18.260 ug/ml
19) T n-Tetratriacontane (C34)	18.566	2397689	18.388 ug/mlm
20) T n-Hexatriacontane (C36)	19.309	2338744	19.696 ug/mlm
21) T n-Octatriacontane (C38)	20.029	3071719	27.968 ug/mlm
22) T n-Tetracontane (C40)	20.902	2251174	22.547 ug/mlm

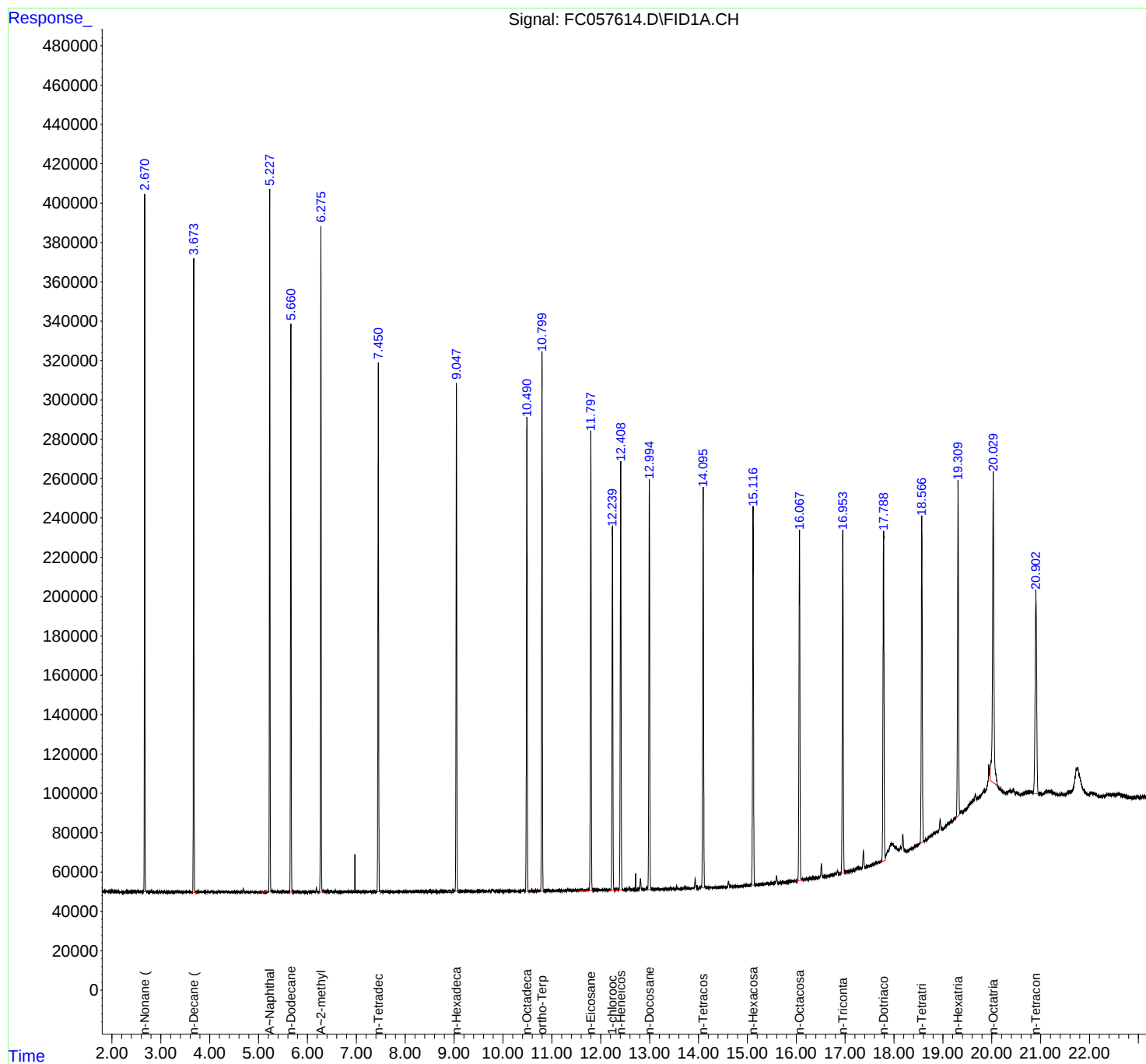
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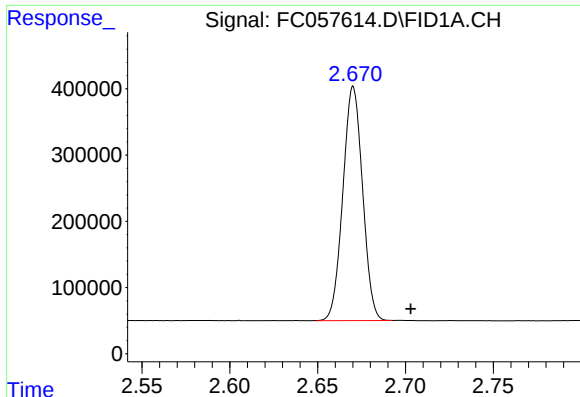
(m)=manual int.

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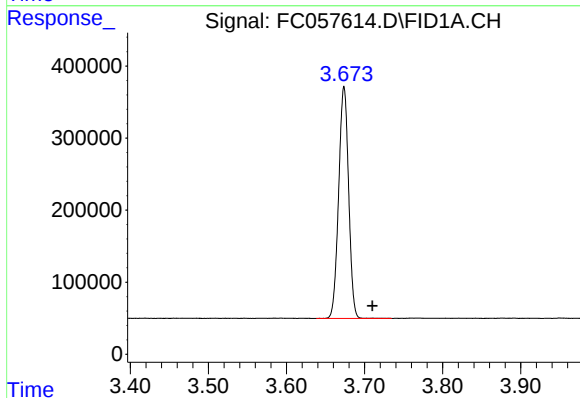
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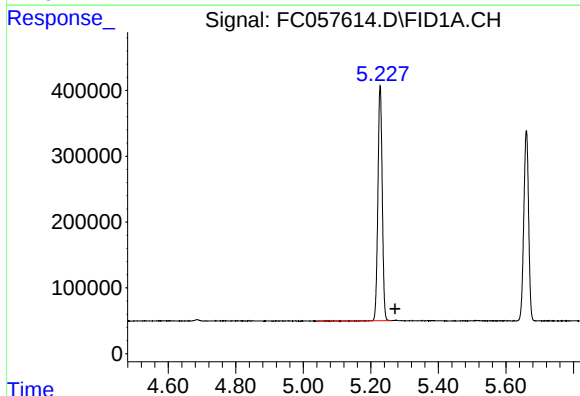
#1 n-Nonane (C9)

R.T.: 2.670 min
Delta R.T.: -0.033 min
Response: 2758661
Conc: 22.33 ug/ml m



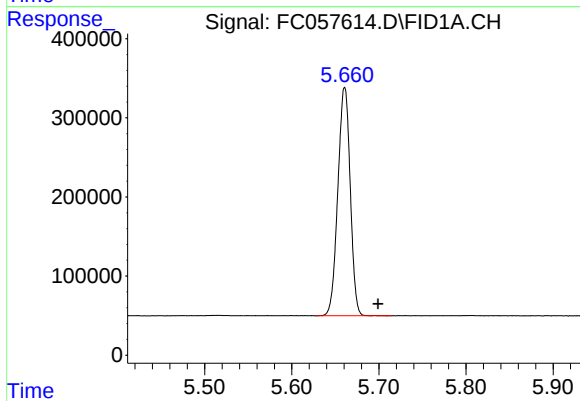
#2 n-Decane (C10)

R.T.: 3.674 min
Delta R.T.: -0.036 min
Response: 2852308
Conc: 22.90 ug/ml



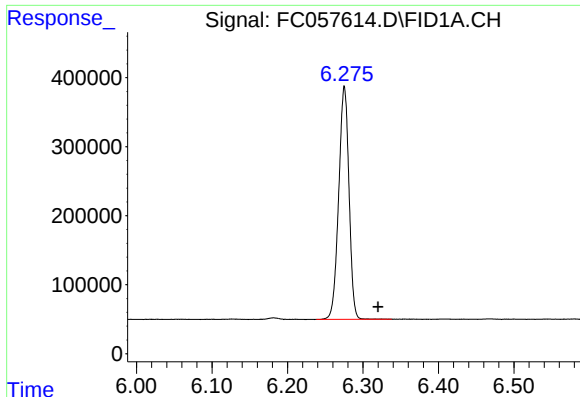
#3 A~Naphthalene (C11.7)

R.T.: 5.228 min
Delta R.T.: -0.044 min
Response: 3167457
Conc: 22.83 ug/ml



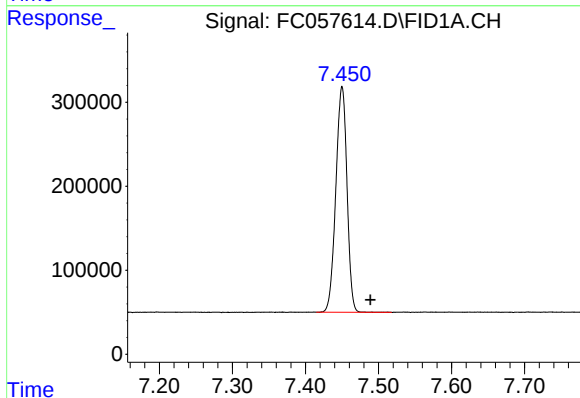
#4 n-Dodecane (C12)

R.T.: 5.661 min
Delta R.T.: -0.038 min
Response: 2852440
Conc: 23.10 ug/ml



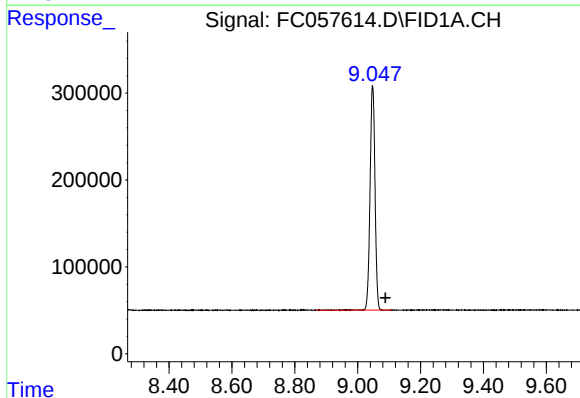
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.275 min
Delta R.T.: -0.045 min
Response: 3204578
Conc: 22.92 ug/ml



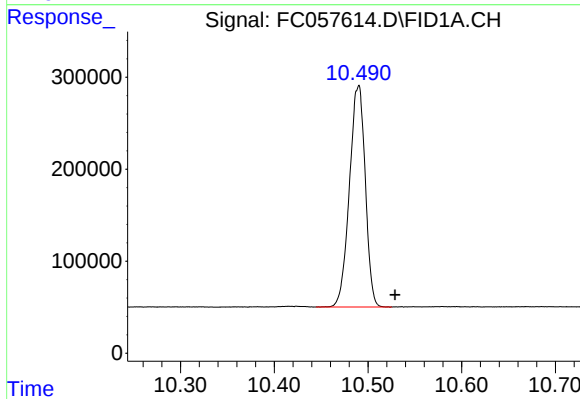
#6 n-Tetradecane (C14)

R.T.: 7.450 min
Delta R.T.: -0.039 min
Response: 2848854
Conc: 23.01 ug/ml



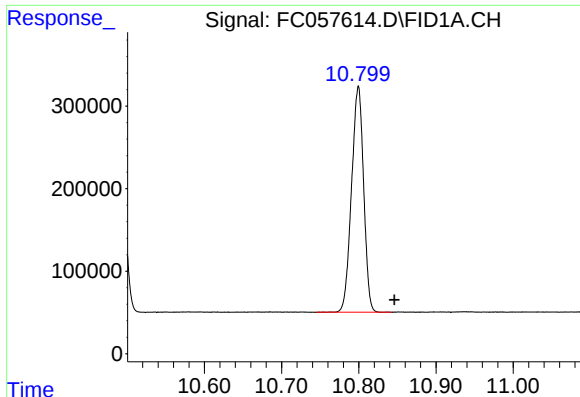
#7 n-Hexadecane (C16)

R.T.: 9.048 min
Delta R.T.: -0.040 min
Response: 2828681
Conc: 22.56 ug/ml



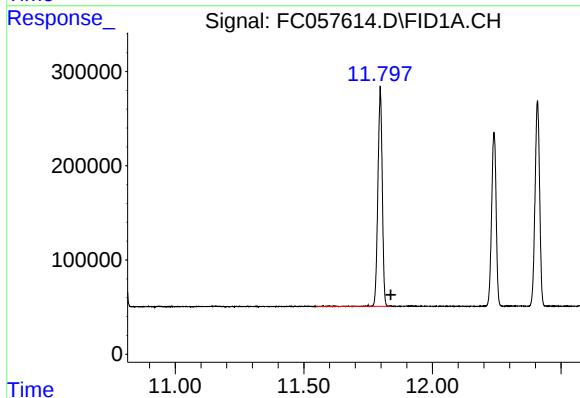
#8 n-Octadecane (C18)

R.T.: 10.490 min
Delta R.T.: -0.039 min
Response: 2829430
Conc: 21.86 ug/ml



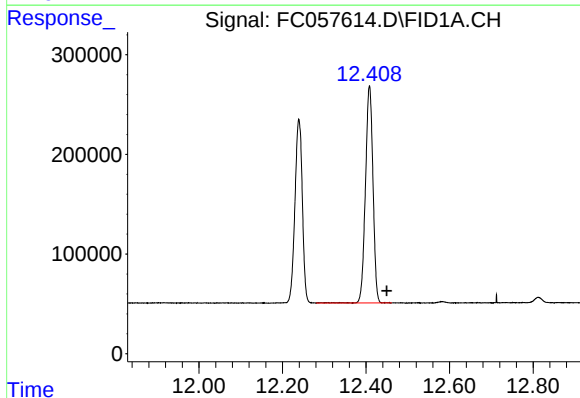
#9 ortho-Terphenyl (SURR)

R.T.: 10.799 min
Delta R.T.: -0.047 min
Response: 2978640
Conc: 21.41 ug/ml



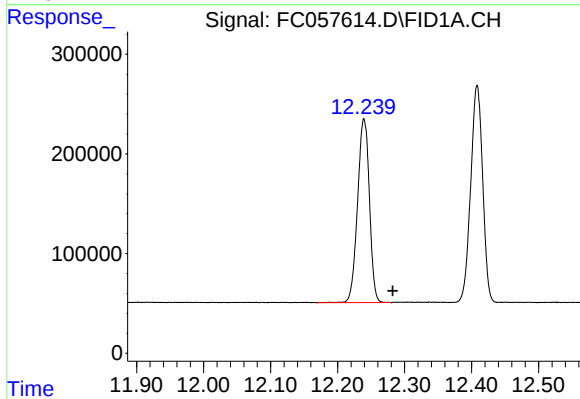
#10 n-Eicosane (C20)

R.T.: 11.797 min
Delta R.T.: -0.041 min
Response: 2747520
Conc: 21.15 ug/ml



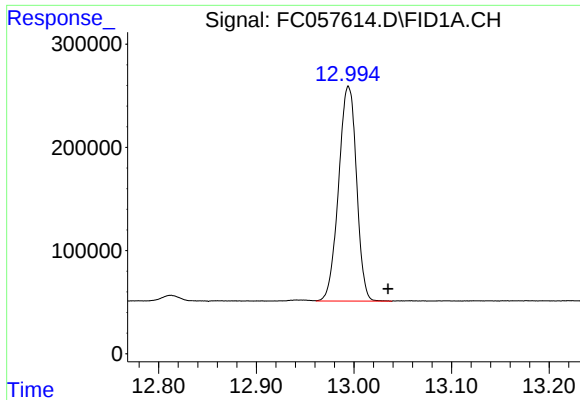
#11 n-Heneicosane (C21)

R.T.: 12.408 min
Delta R.T.: -0.042 min
Response: 2720832
Conc: 20.73 ug/ml



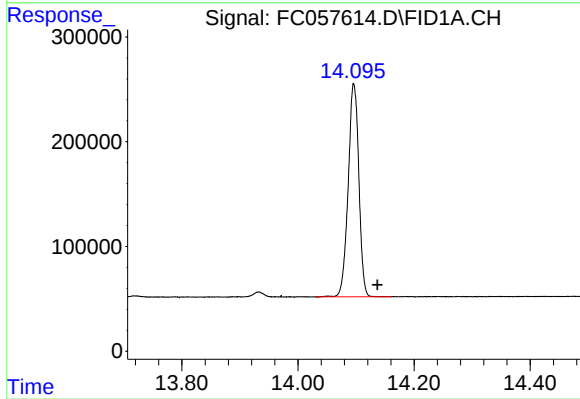
#12 1-chlorooctadecane (SURR)

R.T.: 12.239 min
Delta R.T.: -0.043 min
Response: 2266786
Conc: 20.47 ug/ml



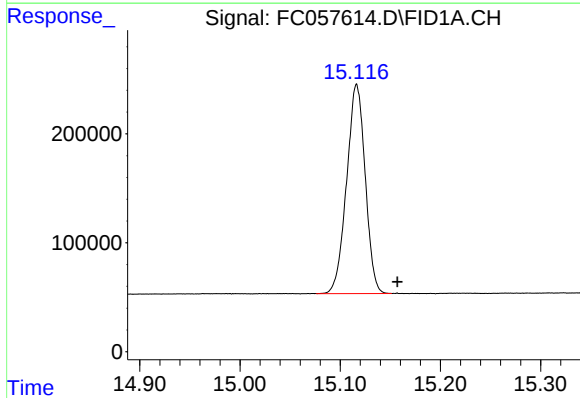
#13 n-Docosane (C22)

R.T.: 12.994 min
Delta R.T.: -0.041 min
Response: 2654644
Conc: 20.20 ug/ml



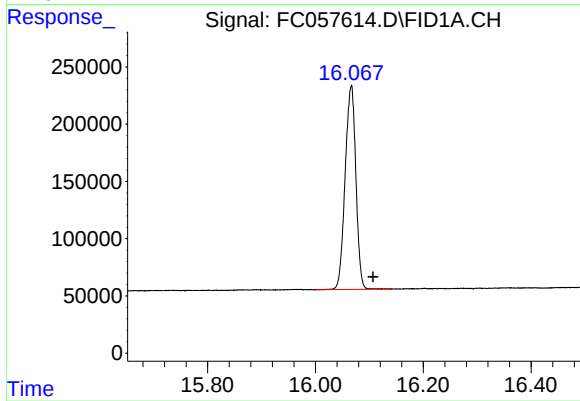
#14 n-Tetracosane (C24)

R.T.: 14.096 min
Delta R.T.: -0.041 min
Response: 2593627
Conc: 19.50 ug/ml



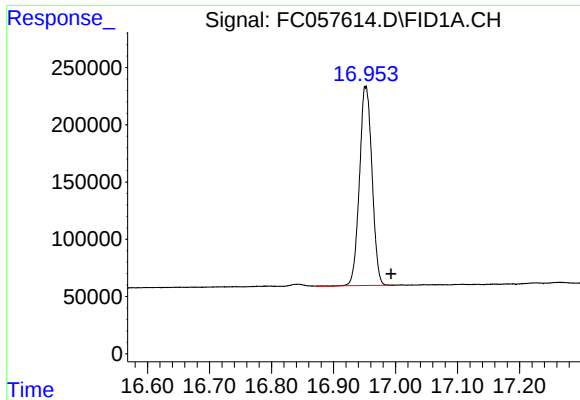
#15 n-Hexacosane (C26)

R.T.: 15.116 min
Delta R.T.: -0.041 min
Response: 2481638
Conc: 18.93 ug/ml m



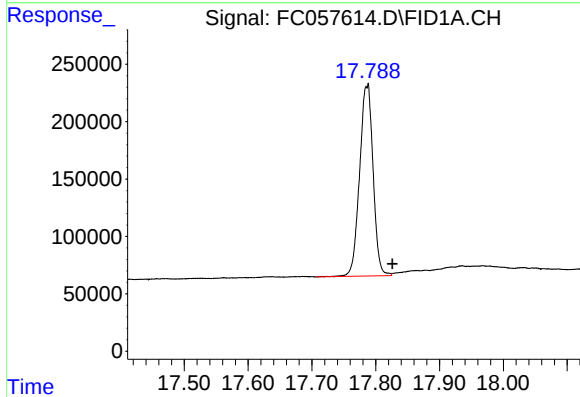
#16 n-Octacosane (C28)

R.T.: 16.066 min
Delta R.T.: -0.041 min
Response: 2459831
Conc: 18.71 ug/ml



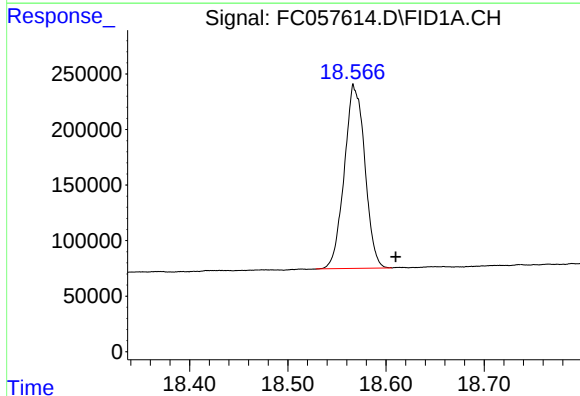
#17 n-Tricontane (C30)

R.T.: 16.952 min
Delta R.T.: -0.041 min
Response: 2441825
Conc: 17.87 ug/ml



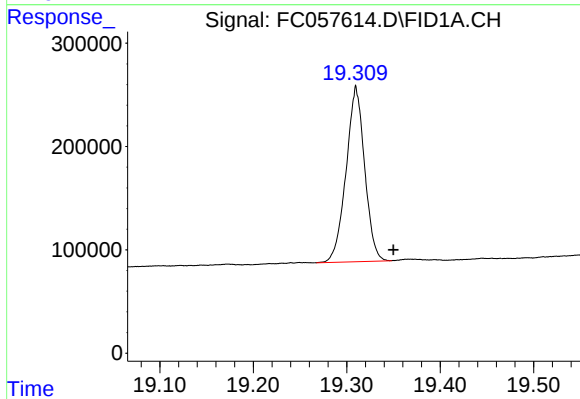
#18 n-Dotriacontane (C32)

R.T.: 17.786 min
Delta R.T.: -0.040 min
Response: 2448318
Conc: 18.26 ug/ml



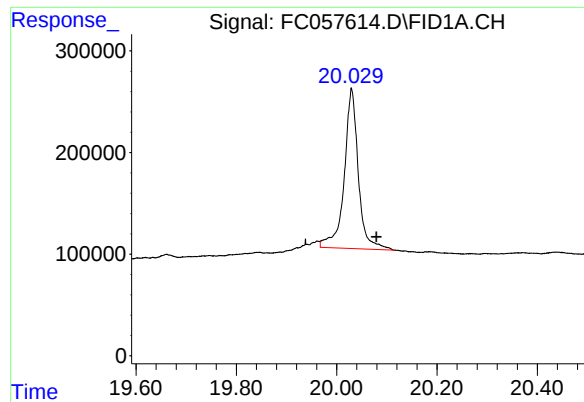
#19 n-Tetratriacontane (C34)

R.T.: 18.566 min
Delta R.T.: -0.044 min
Response: 2397689
Conc: 18.39 ug/ml m



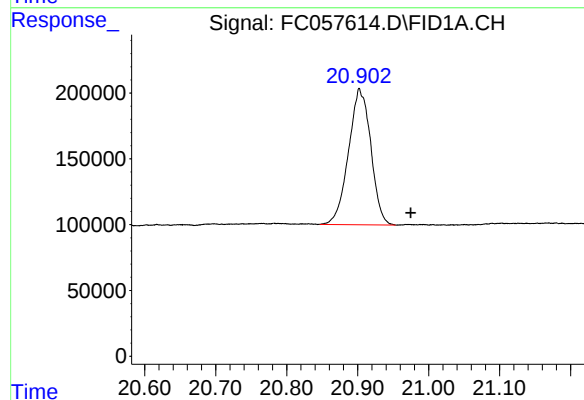
#20 n-Hexatriacontane (C36)

R.T.: 19.309 min
Delta R.T.: -0.041 min
Response: 2338744
Conc: 19.70 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.029 min
Delta R.T.: -0.050 min
Response: 3071719
Conc: 27.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.902 min
Delta R.T.: -0.073 min
Response: 2251174
Conc: 22.55 ug/ml m